kathir-dev.vercel.app

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KATHIRAVAN

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Experience

Software Engineering Senior Associate **Dedalus** **Jun 2023 – Present**

- Led Angular version upgrade from v12 to v19.
- Built UI and server caching to boost performance, reducing load time from 4 s to 300 ms.
- Introduced API compression to reduce response size and optimize download performance.
- Created an Elasticsearch-based Audit Mechanism for comprehensive user activity and data audit tracking across the application, ensuring compliance.

Software Engineer **Boodskap Labs** **Aug 2021 – May 2023**

- Migrated application data layer from Elasticsearch to SQL, improving maintainability.
- Utilized several NPM packages, including Monaco-editor, Monaco-tree, angular-split, and others to enhance the functionality and user experience of the projects.
- Developed shared components and services to handle API requests and responses, promoting code efficiency and maintainability using RxJS concept.
- Built 20+ reusable, responsive Angular UI elements for all screen sizes.

Front end developer **Finix info solution** **Jul 2020 – Aug 2021**

- Translated client requirements into clear, user-friendly UI designs, reducing rework and client iterations.
- Led end-to-end website development, managing design, client communication, and final delivery.

Projects

- **Laboratory Information Management System** Specialized laboratory software that automates workflows, tracks samples, and ensures data accuracy, enhancing efficiency, compliance, and data integrity. Angular v19, Typescript, Angular material, Bootstrap v5, C#, SQL
- **DTA – HIP** An American government program in Massachusetts promoting healthy food purchases with incentive tracking. Angular, Typescript, Bootstrap v3, Node.Js

Skills

- Frontend: Angular, React, Typescript, Angular material, Javascript, Bootstrap, SCSS, HTML
- Backend: C#, Node.Js
- Database: SQL, Elasticsearch
- Mobile Framework: Ionic, Flutter

SKILLS/ACHIEVEMENTS

- **Achieve Excellence Together -** Received the award three times for outstanding performance, dedication and exceptional contribution to the team
- Learning DSA and actively improving problem-solving skills on LeetCode

Education

2016 | 2020

Completed a Bachelor of Engineering in Electronics and Communication Engineering from Chennai Institute of Technology with a CGPA of 7.